



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 2165

Bib Data Sheet

SERIAL NUMBER 10/765,170	FILING OR 371(c) DATE 01/28/2004 RULE	CLASS 713	GROUP ART UNIT 2115	ATTORNEY DOCKET NO.
------------------------------------	---	---------------------	-------------------------------	--------------------------------

APPLICANTS

Mitsuo Hagiwara, Sawa-gun, JAPAN;
 Hiromasa Takahashi, Takasaki-shi, JAPAN;
 Satoshi Yamato, Maebashi-shi, JAPAN;
 Nobuo Shibasaki, Tokyo, JAPAN;
 Mitsuo Yotsutani, Takasaki-shi, JAPAN;
 Tsutomu Ishii, Matsudo-shi, JAPAN;

** CONTINUING DATA *****

This application is a CON of 10/023,660 12/21/2001 ABN which is a CON of 09/171,002 02/10/1999 PAT 6,393,561 *

which is a 371 of PCT/JP97/01204 04/09/1997

(*)Data provided by applicant is not consistent with PTO records.

** FOREIGN APPLICATIONS *****

JAPAN 8-89613 04/11/1996

JAPAN 8-240401 09/11/1996

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 06/14/2004

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 28	TOTAL CLAIMS 31	INDEPENDENT CLAIMS 4
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature	Initials		

ADDRESS

24956

TITLE

DISK DRIVE AND COMPUTER

FILING FEE RECEIVED 1620	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit